

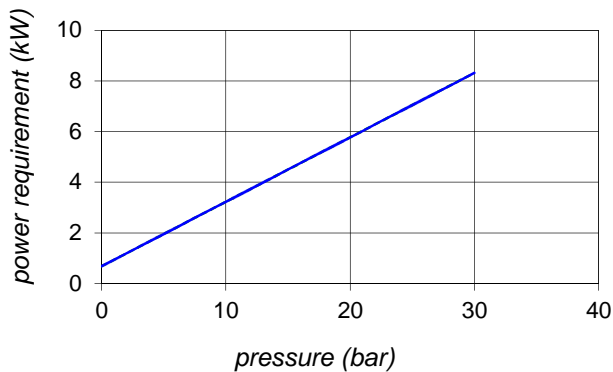


project no.:

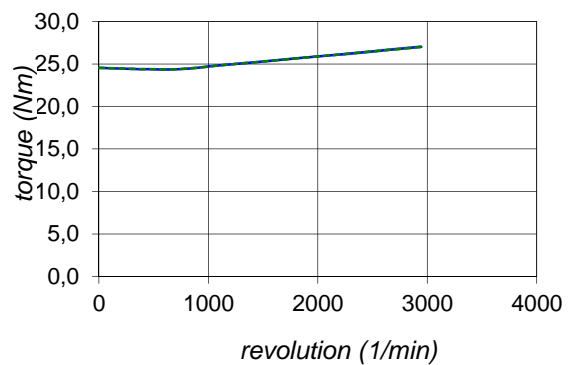
position no.:

| Leistungsdaten <i>performance data</i> | | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|-------------------------|--|--|
| | | | diesel oil | |
| Fördermedium | <i>medium</i> | | L | L |
| Baureihe | <i>series</i> | | 74 | 74 |
| Pumpengröße | <i>size</i> | | 0,0 | 0,0 |
| Saugdruck | <i>suction pressure</i> | <i>bar</i> | 30,0 | 30,0 |
| Enddruck | <i>total pressure</i> | <i>bar</i> | 30,0 | 30,0 |
| Differenzdruck | <i>difference pressure</i> | <i>bar</i> | 1,5 | 6 |
| Viskosität | <i>viscosity</i> | <i>mm²/s</i> | 2945 | 2945 |
| Drehzahl | <i>revolution</i> | <i>1/min</i> | 40 | 0 |
| Temperatur | <i>temperature</i> | <i>°C</i> | | |
| Fördermenge* | <i>capacity*</i> | <i>l/min</i> | 114,8 | 130,5 |
| | | <i>m³/h</i> | 6,9 | 7,8 |
| Leistungsbedarf* | <i>power requirement*</i> | <i>kW</i> | 8,31 | 8,31 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | <i>mWs / mWC</i> | 5,70 | 5,60 |
| NPSH erforderlich | <i>NPSH required</i> | <i>mWs / mWC</i> | 2,49 | 2,59 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | <i>dB (A)</i> | 62,8 | 62,8 |
| Drehmoment | <i>torque</i> | <i>Nm</i> | 27,0 | 27 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | <i>%</i> | 69,0 | 78,4 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | <i>%</i> | 75,2 | 85,4 |
| Axialgeschwindigkeit | <i>axial velocity</i> | <i>m/s</i> | 3,5 | 3,5 |
| Massenträgheitsmoment | <i>moment of inertia</i> | <i>kgm²</i> | 0,000257 | 0,000257 |

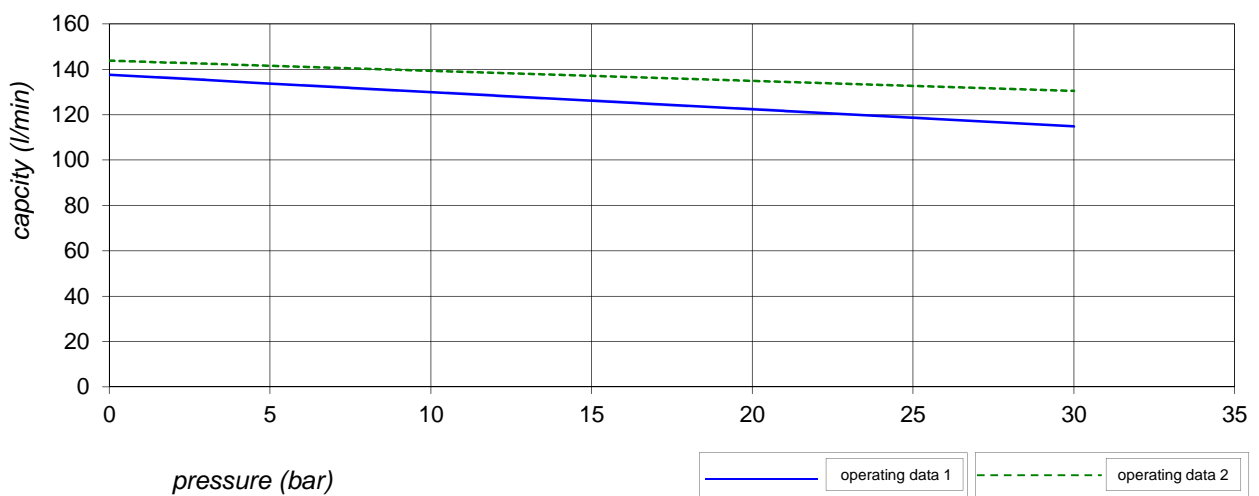
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



Änderungen vorbehalten! (03/2017) / subject to change (03/2017)

28.05.2018

jw

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*Bautoleranzen nach VDMA 24284 - Toleranzgruppe II / *Fabrication tolerances acc. VDMA 24284 - tolerance class II

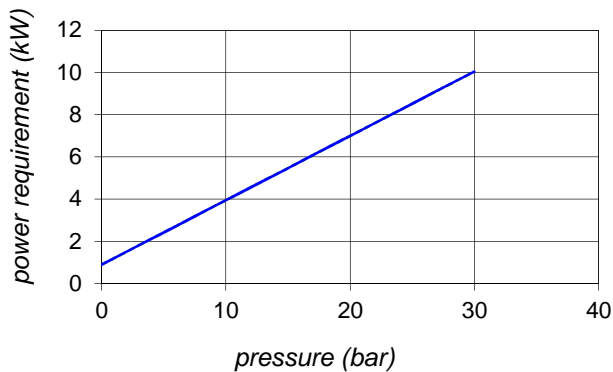


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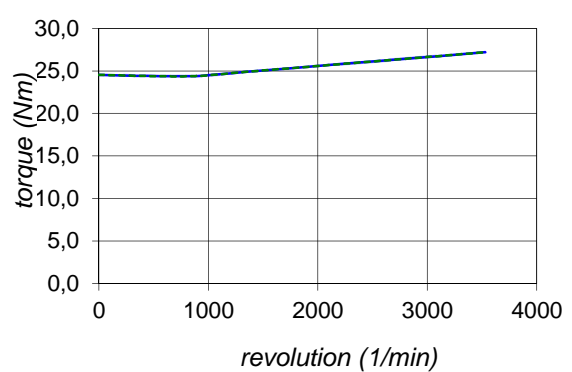
position no.:

| Leistungsdaten <i>performance data</i> | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--|--|
| | | diesel oil | |
| Fördermedium | <i>medium</i> | | |
| Baureihe | <i>series</i> | | |
| Pumpengröße | <i>size</i> | L 74 | L 74 |
| Saugdruck | <i>suction pressure</i> | bar 0,0 | bar 0,0 |
| Enddruck | <i>total pressure</i> | bar 30,0 | bar 30,0 |
| Differenzdruck | <i>difference pressure</i> | bar 30,0 | bar 30,0 |
| Viskosität | <i>viscosity</i> | mm ² /s 1,5 | mm ² /s 6 |
| Drehzahl | <i>revolution</i> | 1/min 3530 | 1/min 3530 |
| Temperatur | <i>temperature</i> | °C 40 | °C 0 |
| Fördermenge* | <i>capacity*</i> | l/min 145,1 m ³ /h 8,7 | l/min 160,8 m ³ /h 9,6 |
| Leistungsbedarf* | <i>power requirement*</i> | kW 10,04 | |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | mWs / mWC 5,26 | |
| NPSH erforderlich | <i>NPSH required</i> | mWs / mWC 2,93 | |
| Luftschallpegel Pumpe | <i>noise level pump</i> | dB (A) 63,9 | |
| Drehmoment | <i>torque</i> | Nm 27,2 | |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | % 72,2 | |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | % 79,3 | |
| Axialgeschwindigkeit | <i>axial velocity</i> | m/s 4,2 | |
| Massenträgheitsmoment | <i>moment of inertia</i> | kgm ² 0,000257 | |

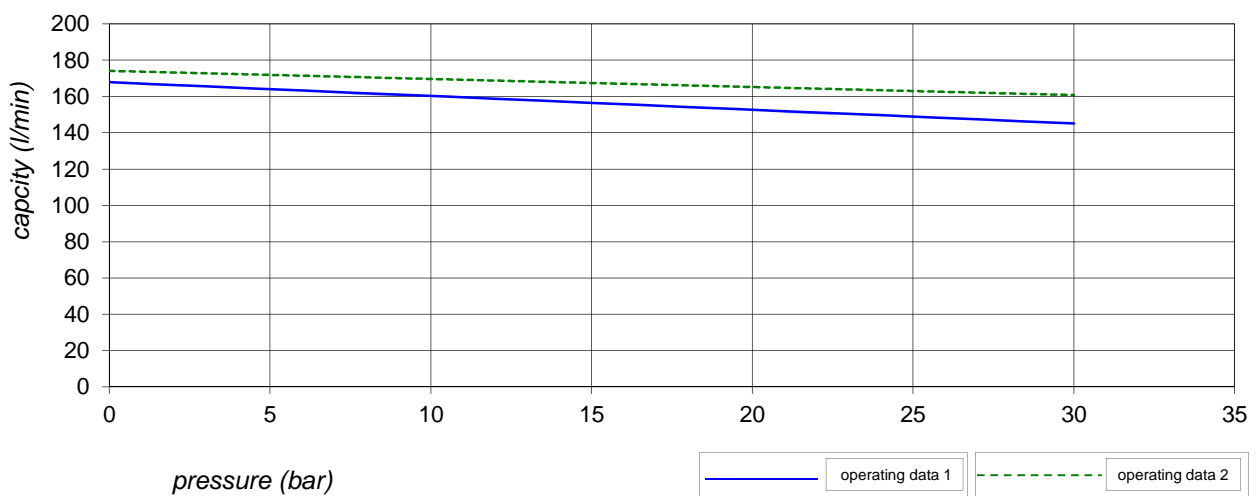
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



Änderungen vorbehalten! (03/2017) / subject to change (03/2017)

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